

Aquatic Resources

	Goals	1993 CCMP
	Problem Statement	Revised 2007
	Existing Management Structure	Revised 2007
	Recommended Approach	1993 CCMP
	Achievements	
	Challenges	
Objective AR-1	Monitoring, ecosystem characterization, and predictive models	Revised 2007
Action AR-1.1	Refine and coordinate existing monitoring programs	Revised 2007
Objective AR-2	Species-specific and non-indigenous management actions	Revised 2007
Action AR-2.1	Regulate ballast water discharges	Revised 2007
Action AR-2.2	Prohibit non-native aquatic invasive species introduction	Revised 2007
Action AR-2.3	Control problem non-native invasive species	1993 CCMP
Action AR-2.4	Public education on non-native invasive species	1993 CCMP
Action AR-2.5	Reduce poaching	1993 CCMP
Action AR- 2.6	Review & modify harvest regulations	1993 CCMP
Action AR-2.7	Identify & control fish contaminants	1993 CCMP
Action AR-2.8	Reduce incidental take in commercial activities	1993 CCMP
Objective AR-3	Implement recovery actions for threatened & endangered species	1993 CCMP
Action AR-3.1	Prepare recovery plans for all listed species	1993 CCMP
Action AR-3.2	Monitor status of candidate species	1993 CCMP
Action AR-3.3	Consult with federal agencies re: listed species	1993 CCMP
Action AR-3.4	Review actions re: take of listed species	1993 CCMP
Action AR-3.5	Feasibility of Habitat Conservation Plan for Bay-Delta	1993 CCMP
Action AR-3.6	Adopt listed species recovery for public agencies	1993 CCMP
Objective AR-4	Water management, flows affecting aquatic resources	1993 CCMP
Action AR-4.1	Adopt water quality & flow standards	1993 CCMP
Action AR-4.2	Industrial facility entrainment prevention	Revised 2007
Action AR-4.3	Gates at channel openings	1993 CCMP
Action AR-4.4	Fish screens at diversions	1993 CCMP
Action AR-4.5	Improve screen efficiency at pumping facilities	1993 CCMP
Action AR- 4.6	Reduce predation at pumps	1993 CCMP
Action AR-4.7	Protect shaded riverine aquatic habitats	1993 CCMP
Action AR-4.8	Increase shaded riverine aquatic habitat	1993 CCMP
Action AR-4.9	Protect & maintain tule islands, tidal wetlands & berms	1993 CCMP
Action AR-4.10	Decrease adverse effects of dredging & flood control	1993 CCMP
Action AR-4.11	Protect remnant stream habitats	1993 CCMP
Action AR-4.12	Protect marshes, wetlands, and tidal sloughs	1993 CCMP
Objective AR-5	Develop comprehensive aquatic resources management plan	Revised 2007
Action AR-5.1	Identify flow characteristics and needs	Revised 2007
Action AR-5.2	EIR/EIS for Action 5.1	1993 CCMP
Action AR-5.3	Implement selected alternative for flow standards	1993 CCMP

Objective AR-6	Develop & implement Upper Estuary programs	1993 CCMP
Action AR-6.1	Instream flow & temperature for CV salmonid production	1993 CCMP
Action AR-6.2	Implement Upper Sacramento River Management Plan	1993 CCMP
Action AR-6.3	Implement San Joaquin River court settlement	Revised 2007
Action AR-6.4	Screen upstream diversions	1993 CCMP
Action AR-6.5	Damages for spills and discharges	1993 CCMP
Action AR 6.6	Bay tributary stream flow analysis and stream restoration	New 2007
Objective AR-7	Protect, enhance, and restore subtidal habitats	New 2007
Action AR-7.1	Complete the SF Bay Subtidal Habitat Goals Report	New 2007
Objective AR-8	Define, study & protect aquatic mineral resource habitats	New 2007
Action AR-8.1	Identify extent of sand resources and develop protection plan	New 2007
Action AR-8.2	Identify extent of oyster shell resources and develop plan	New 2007
Objective AR-9	Reduce and prevent marine debris	New 2007
Action AR-9.1	Improve understanding of types and impacts of marine debris	New 2007
Action AR-9.2	Expand existing prevention and cleanup programs	New 2007
Action AR-9.3	Improve understanding of types and impacts of abandoned ships	New 2007